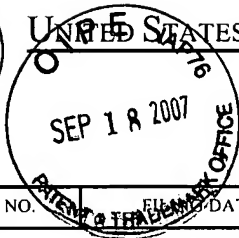




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IT21-

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/056,049	01/28/2002	David Sharoni	P-3944-US	1913
49443	7590	09/13/2007	EXAMINER	
PEARL COHEN ZEDEK LATZER, LLP 1500 BROADWAY 12TH FLOOR NEW YORK, NY 10036			AZARIAN, SEYED H	
			ART UNIT	PAPER NUMBER
			2624	
DATE MAILED: 09/13/2007				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 646 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 646 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.



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NOTICE OF ALLOWANCE AND FEE(S) DUE

49443 7590 09/13/2007

PEARL COHEN ZEDEK LATZER, LLP
1500 BROADWAY 12TH FLOOR
NEW YORK, NY 10036

EXAMINER

AZARIAN, SEYED H

ART UNIT

PAPER NUMBER

2624

DATE MAILED: 09/13/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/056,049	01/28/2002	David Sharoni	P-3944-US	1913

TITLE OF INVENTION: VIDEO AND AUDIO CONTENT ANALYSIS SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/13/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

49443 7590 09/13/2007

PEARL COHEN ZEDEK LATZER, LLP
1500 BROADWAY 12TH FLOOR
NEW YORK, NY 10036

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/056,049	01/28/2002	David Sharoni	P-3944-US	1913
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TITLE OF INVENTION: VIDEO AND AUDIO CONTENT ANALYSIS SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/13/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
AZARIAN, SEYED H	2624	382-103000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
 1 _____
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Notice of Allowability

Application No.

10/056,049

Examiner

Seyed Azarian

Applicant(s)

SHARONI ET AL.

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/24/2007 and telephone interview on August 20, 2007.

2. ☒ The allowed claim(s) is/are 1-6, 8, 10-13, 15-18 and 20-27 now renumbered as 1-23.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

Response to Amendment

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/6/2007 has been entered.
2. Based on applicant's amendment, filed 7/24/2007, see page 7 through 13 of the remarks, also telephone interview filed on August 20, with respect to cancellation of claims 7, 9, 14 and 19, and amended claims 1, 8, 10, 16 and 18, have been fully considered and are persuasive, upon further consideration the rejection of 103(a), for claims 1-6, 8, 10-13, 15-18 and 20-27, are hereby withdrawn.

The claims 1-6, 8, 10-13, 15-18 and 20-27, now renumbered as 1-23 are allowed.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicants Attorney (Mr. Zeev Pearl, Reg No. 60234), on August 20, 2007, without traverse.

The amended claims 1, 8, 10, 16 and 18 as follows:

Cancel claims 7, 14 and 19.

Art Unit: 2624

Claim 1. (Currently Amended) (Currently Amended) A system comprising:
two or more processing units, each coupled to a respective video or audio sensor, each of which receives video or audio data from said sensor and processes said video or audio data according to one or more content-analysis applications installed therein;

an application bank external to said processing units, said application bank comprising said content-analysis applications; and

a control unit having installed therein a set of post-alert action rules, the control unit coupled to said processing units and to said application bank, said control unit automatically, without user input, and dynamically instructs said application bank to install in real-time, after receiving an alert from one or more of said processing units, at least another one of said content-analysis applications into at least one of said processing units based on at least one of said post-alert action rules;

wherein said processing unit is able to notify
said control unit when one of said applications installed in said processing unit
detects a predefined condition associated with at least a portion of said audio or
video data;

wherein said control unit is able to
instruct one of said processing units to activate or deactivate one of said content-analysis
applications already installed in said processing unit based on an alert received from said
processing unit or another one of said processing units; and

Art Unit: 2624

providing to a client computer a real-time stream of video data, audio data or a combination thereof according to a predetermined time-based schedule.

Claim 8. (Currently Amended) A system comprising:

an application bank having one or more content-analysis applications;

a processing unit coupled to said application, bank and to a video sensor,

the application bank being external to said processing unit, wherein said

processing unit receives video data from said sensor, processes said data

according at least one of said content-analysis applications installed therein, and

sends an alert when a predefined condition associated with at least a portion of

said data is detected; and

a control unit having installed therein a set of post-alert action rules, the

control unit coupled to said processing unit and to said application bank, said

control unit is to instruct automatically, without user input, and dynamically said

application bank to install, in real-time after receiving the alert, another one of

said content-analysis applications into said processing unit according to at least

one of said post-alert action rules;

wherein said processing unit is able to notify

said control unit when one of said applications installed in said processing unit

detects a predefined condition associated with at least a portion of said audio or

video data;

wherein said control unit is able to

instruct one of said processing units to activate or deactivate one of said content-analysis

Art Unit: 2624

applications already installed in said processing unit based on an alert received from said processing unit or another one of said processing units;

providing to a client computer a real-time stream of video data, audio data or a combination thereof according to a predetermined time-based schedule.

Claim 10. (Currently Amended) A method comprising:

storing predefined post-alert action rules in a control unit;

detecting a predefined condition associated with at least a portion of an audio or video data received from a video or audio sensor by processing the data at a processing unit coupled to the sensor according to one or more content-analysis applications;

sending an alert based on the detected predefined condition; and
automatically, without user input, and dynamically in real-time after receiving the alert, instructing to install another content-analysis application into a video or audio processing unit from an application bank external to said processing unit having content-analysis applications based on at least one of said predefined post-alert action rules;

wherein said processing unit is able to notify said control unit when one of said applications installed in said processing unit detects a predefined condition associated with at least a portion of said audio or video data;

wherein said control unit is able to instruct one of said processing units to activate or deactivate one of said content-analysis

applications already installed in said processing unit based on an alert received from said processing unit or another one of said processing units;

providing to a client computer a real-time stream of video data, audio data or a combination thereof according to a predetermined time-based schedule.

Claim 16. (Currently Amended) claim 16, line 1, delete -- claim 14 --, after phrase “ The method of ”, and line 1, insert -- claim 1 -- after phrase “The method of ”.

Claim 18. (Currently Amended) A method comprising:

installing one or more content-analysis applications from an application bank into one or more video or audio processing units, the application bank being external to said processing units;

storing predefined post-alert action rules in a control unit;

processing input received from one or more video or audio sensors, each coupled to a respective video or audio processing unit according to at least one of said content-analysis applications;

detecting a predefined condition associated with at least one portion of said input;

sending a notification associated with said condition to a control unit; and

automatically, without user input, and dynamically in real-time after receiving the notification, instructing the application bank to install at least another, one of said content-analysis applications into at least one of said processing units based on at least one of said predefined post-alert action rules;

wherein said processing unit is able to notify
said control unit when one of said applications installed in said processing unit
detects a predefined condition associated with at least a portion of said audio or
video data;

wherein said control unit is able to
instruct one of said processing units to activate or deactivate one of said content-analysis
applications already installed in said processing unit based on an alert received from said
processing unit or another one of said processing units;

providing to a client computer a real-time stream of video data, audio
data or a combination thereof according to a predetermined time-based schedule.

REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance.

This invention relates generally, is directed to various methods and systems for analysis and processing of video and audio signals from a plurality of sources in real-time or off-line. According to some embodiments of the present invention, analysis and processing application are dynamically installed in the processing units.

Based on applicant's amendment, claim 1 representing claims 8, 10 and 18, the closest prior art of record (Fernandez and Johnson) references teaches, stores one or more positional and relative movement as well as optical associated map data", for performing "real-time", historical and/or predictive monitoring and data processing of one or more remote or local object, but do not teach or suggest, among other things, " a control unit having installed therein a set of post-alert action rules, the control unit coupled to processing units and to application bank, control unit automatically, without user input, and dynamically instructs application bank to install in

real-time, after receiving an alert from one or more of processing units, at least another one of content-analysis applications into at least one of said processing units based on at least one of post-alert action rules; wherein processing unit is able to notify control unit when one of applications installed in processing unit detects a predefined condition associated with at least a portion of audio or video data, wherein control unit is able to instruct one of processing units to activate or deactivate one of said content-analysis applications already installed in processing unit based on an alert received from processing unit or another one of said processing units”.

These key features in combination with the other features of the claimed invention are neither taught nor suggested by (Fernandez and Johnson) prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Seyed Azarian whose telephone number is (571) 272-7443. The examiner can normally be reached on Monday through Thursday from 6:00 a.m. to 7:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella, can be reached at (571) 272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application information Retrieval (PAIR) system. Status information for published application may be obtained from either Private PAIR or Public PAIR.

Art Unit: 2624

Status information about the PAIR system, see [http:// pair-direct.uspto.gov](http://pair-direct.uspto.gov). Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at

866-217-9197 (toll-free).

Seyed Azarian

Patent Examiner

Group Art Unit 2624

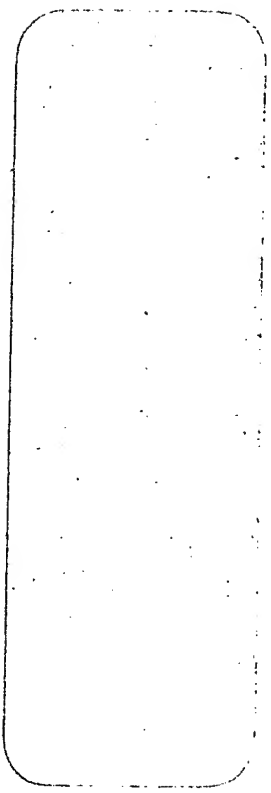
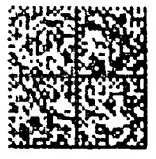
August 20, 2007

A handwritten signature in cursive script that reads "Seyed Azarian".

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